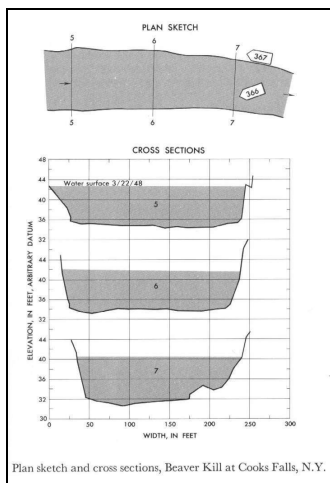


Beaver Kill at Cooks Falls, N.Y



Study Reach.--Section 5 is about 2,700 ft downstream from gage.

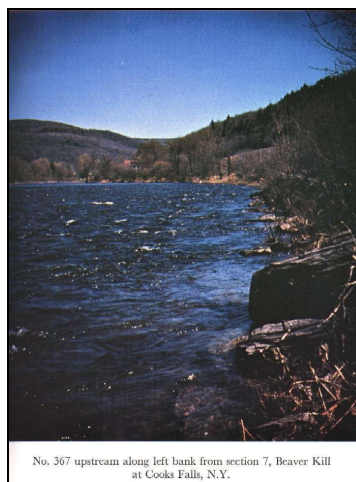
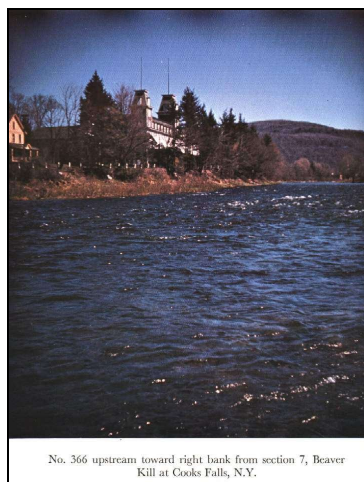
Gage Reference Location.--Lat 41°56'50", long 74°58'45", on left bank 125 ft downstream from highway bridge in Cooks Falls, Delaware County, and 5.5 miles downstream from Willowemoc Creek.

Drainage Area.--241 sq mi.

Gage Datum and Elevations of Reference Points.--Not available.

Stage, Discharge Measurements and Computed n-Values.--Gage height were 11.69 ft at gage; 42.65 ft (different datum) at section 5. Peak discharge was 15,500 cfs on Mar. 22, 1948.

Date of Observation	Discharge (ft ³ /s)	Average Cross Section Area (ft ²)	Hydraulic Radius (ft)	Mean Velocity (ft/s)	Slope	Coefficient of Roughness <i>n</i>
3/22/1948	15493.5	1650.0	7.27	9.39	0.003381	0.033



Description of Channel.--Bed consists of coarse gravel and cobbles with scattered boulders. Light brush is on both banks and some trees are near water's edge on right bank.

Estimated n-Values using Cowan's Approach.--

Key words.--